TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) **CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

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CUSTOMER NO. 22,852 ATTORNEY'S DOCKET NUMBER 01165.0963

19 SEP 2018

APPEICATION NO. (If known, see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED -PCT/JP2005/003429 February 23, 2005 March 19, 2004 TITLE OF INVENTION OSCILLATOR DEVICE AND METHOD FOR MANUFACTURING THE DEVICE APPLICANT(S) FOR DO/EO/US Tomoo IKEDA, Isao ARAI and Hiroshi MIYAUCHI Applicant(s) herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a filing under 35 U.S.C 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 2. 3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). 4. **5**. \boxtimes A copy of the International Application as filed (35 U.S.C. 371 (c)(2)). is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. h is not required, as the application was filed with the United States Receiving Office (RO/US). \boxtimes An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). \boxtimes Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)). 7. are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. C. \boxtimes have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 9. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). Items 11 to 20 below concern document(s) or information included: Information Disclosure Statement under 37 CFR 1.97 and 1.98 12. 🛛 An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. A preliminary amendment. An Application Data Sheet under 37 CFR 1.76. 14. A Substitute specification. 16. A power of attorney and/or change of address letter. 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825. 18. A second copy of the published International Application under 35 U.S.C. 154 (d)(4). 19. A second copy of the English language translation of the international application 35 U.S.C. 154 (d)(4). 20. Other items or information: Copy of cover page of International Publication No. WO 2005/090912 A1 \square a. Copy of Notification of Missing Requirements. b. \boxtimes Copy of International Search Report from Japanese Patent Office C. Request for Substitute of Replacement Sheets d. \boxtimes e.

| U.S. APPLICATION NO. (if known, see 37 CFR 1.5) | | INTERNATIONAL APPLICATION NO. | | | ATTORNEY'S DOCKET | |
|--|----------------|--|----------------|----|------------------------|-----------------|
| 46/5035A2 | | PCT/JP2005/003429 | | | NUMBER 01165.0963 | |
| The following fees have been submitted: | | | | | CALCULATIONS | PTO Use Only |
| 21. BASIC NATIONAL FEE (37 CFR 1.492(a)):\$300.00 | | | | | \$300.00 | Only |
| 22. | | | | | | |
| If the Written opinion prepared by ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0 | | | | | | |
| All other situations | | | | | \$200.00 | |
| 23. Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) | | | | | \$400.00 | |
| TOTAL of 21, 22 and 23 = | | | | | \$900.00 | |
| Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | | |
| Total Sheets | Extra Sheets | Number of each additional thereof (round up to a who | | | | |
| 97 - 100 = /50= x \$250.00 | | | | | \$ | |
| Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)). | | | | | \$ | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | | |
| Total Claims | 22 - 20 = | - | x \$50.00 | | \$100.00 | |
| Independent Claims | | | | \$ | | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) +\$360.00 | | | | | \$ | |
| TOTAL OF ABOVE CALCULATIONS = | | | | | \$1,000.00 | |
| Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. | | | | | \$ | |
| SUBTOTAL = | | | | | \$1,000.00 | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest priority date (37 CFR 1.492(i)). | | | | | \$ | |
| TOTAL NATIONAL FEE = | | | | | \$1,000.00 | |
| Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property. | | | | | \$ 40.00 | |
| TOTAL FEES ENCLOSED = | | | | | \$1,040.00 | |
| | | | | | Amount to be refunded: | \$ |
| a. A check in the amount of | of \$ 1,040.00 | to cover the above fee | es is enclosed | | charged: | \$ |
| b. Please charge my Deposit Account No in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed. | | | | | | |
| c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No06-0916 A duplicate copy of this sheet is enclosed. | | | | | | |
| d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. | | | | | | |
| SEND ALL CORRESPONDENCE TO: | | | | | | |
| Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. 901 New York Avenue, N.W. Washington, DC 20001-4413 | | | | | | |
| DATED: September 19, 2006 ERNEST F. CHAPMAN/REGISTRATION NO. 2 | | | | | 25,961 | |